

Optimax 50 Series Antennas



Introducing the Optimax 50 Series Antenna Range

The Optimax 50 Series range has been released to celebrate 50 years of Australian antenna manufacturing.

Added features includes:

- Extra UHF elements for improved UHF performance.
- Ultrasonically sealed balun housing to prevent water ingress.
- Improved position of F connector on balun housing for easy access.
- Improved trigonal reflector with easy clip on design, requiring no tools or fasteners.
- Easy to install.

The range consist of:

OMX150 PLUS (FB608547)

This antenna is designed for use in Prime signal locations where VHF channels 2-12 & UHF Channels 28-37 are broadcast. For example: Sydney, Melbourne, Adelaide and Perth.

OMX350B4+ (FB608548)

Designed for use where VHF channels 1-12 & UHF channels 28-50 are broadcast. For example: Hobart

OMX350WB (FB608549)

This antenna is a wide band antenna for reception of VHF channels 1-12 & UHF channels 28-69.

OMX450 PLUS (FB608550)

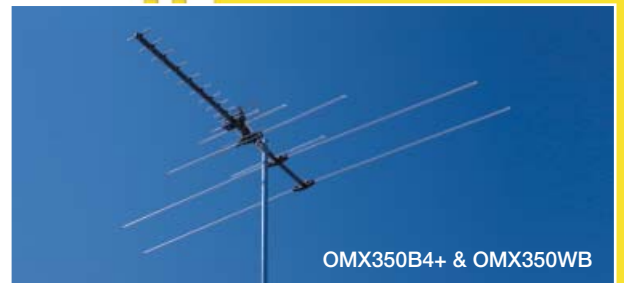
One of our most popular antennas for inner fringe reception locations where VHF channels 2-12 & UHF channels 28-37 are broadcast. For example: Sydney, Melbourne, Adelaide and Perth.

OMX550 PLUS (FB608551)

This antenna is specifically designed for Fringe reception locations where VHF channels 2-12 & UHF channels 28-37 are broadcast.

OMX650 PLUS (FB608552)

Designed for Outer Fringe reception locations or for use in a home or multiple dwelling apartments. Ideal for use where VHF channels 2-12 & UHF channels 28-37 are broadcast. For example: Sydney, Melbourne, Adelaide and Perth.





Optimax 50 Series Antenna Construction and Packaging

	OMX 150 PLUS	OMX 350 B4+	OMX 350 WB	OMX 450 PLUS	OMX 550 PLUS	OMX 650 PLUS
HEAVY DUTY ELEMENTS	√	√	√	√	√	√
30 by 15 GALVANISED STEEL BOOM	√	√	√	√	√	√
POWDER COATED	√	√	√	√	√	√
F-TYPE CONNECTION	√	√	√	√	√	√
PRINTED CIRCUIT BOARD BALUN	√	√	√	√	√	√
TRIGONAL REFLECTOR	√	√	√	√	√	√
FANFOLD CARTON	√	√	√	√	√	√

Optimax 50 Series Antenna Electrical Performance

	OMX 150 PLUS	OMX 350 B4+	OMX 350 WB	OMX 450 PLUS	OMX 550 PLUS	OMX 650 PLUS
CHANNELS VHF	2-12	1-12	1-12	2-12	2-12	2-12
CHANNELS UHF	28-37	28-50	28-69	28-37	28-37	28-37
FORWARD GAIN VHF (dB)	4-9	3-9	3-9	5-10	6-11	6-11
FORWARD GAIN UHF (dB)	9-11	9-14	8-15	11-13	12-14	13-15
FRONT TO BACK RATIO VHF (dB)	10-14	10-15	10-15	10-15	10-15	10-15
FRONT TO BACK RATIO UHF (dB)	16-18	15-20	13-17	14-17	16-19	16-19
VSWR VHF (TYPICAL)	2:1	2:1	2:1	2:1	2:1	2:1



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